

<b>Vendor</b>	SRA/McGraw-Hill
<b>Web URL</b>	<a href="http://SRAonline.com">http://SRAonline.com</a>
<b>Title</b>	Art Connections Science
<b>Author</b>	Ragans
<b>Copyright Date</b>	2005
<b>ISBN</b>	0076018822
<b>Edition</b>	First
<b>Course/Content Area</b>	Arts and Humanities
<b>Intended Grade or Level</b>	K-6
<b>Readability Level</b>	K-6
<b>List Price</b>	62.28
<b>Lowest Wholesale Price</b>	46.71

**The Kentucky Department of Education must receive a copy of the alternative format if the instructional material is placed on the State Multiple List.**

#### **Level of Accommodations**

If Level Two or Level Three, please provide rationale for not meeting Level One Compliance  
Rationale

### **FEATURES**

#### **Disclaimer**

The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, or of the Kentucky Department of Education.

#### **Content**

Art Connections builds the foundations of the elements and principles of art across the grade levels. The program integrates art history and culture, aesthetic perception, creative expression in art production, and art criticism into every lesson. Art Connections also develops strong cross-curricular connections and integrates the arts with literature and other fine arts disciplines.

#### **Student Experiences**

Science Art Connections helps students expand their knowledge of art elements and principles, art creation, analysis, and art history and culture as they explore science concepts.

**Assessment**

Art Connections provides a variety of useful techniques and opportunities to assess student progress on skills, concepts, and processes. Science Art Connections contains pretest questions for each activity as well as assessment rubrics. Other opportunities for assessment in the Art Connections program include: Unit Pretest/Posttest for each unit in Transparency format. Four-step self-assessment after each Creative Expression activity. Assessment book blackline master assessment for each lesson (in English and Spanish). Assessment rubric for each lesson. Show What You Know multiple-choice assessment at the end of each unit.

**Organization**

Science Art Connections contains 32 art production activities (four activities for each grade level Pre-K through 6) linked to math concepts. Each activity begins with background information and a Warm-Up blackline master and continues with detailed activity instructions. The book also contains tips for using art media, assessment information, and assessment rubrics.

**Resource Materials**

N/A

Gratis Items to be provided and under what conditions -

N/A

**Available Ancillary Materials**

N/A

**Research Data and Evidence of Effectiveness**

Disclaimer: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, or the Kentucky Department of Education

Note: Please complete this section by indicating the research data and evidence of effectiveness, or give a web site where the information is located. If there is no research data and evidence of effectiveness, please indicate "not available".

**Research Available**      Yes

If yes, provide information below.

Please see the SRA/McGraw-Hill Web site at <http://www.sraonline.com/index.php/home/curriculumsolutions/finearts/newartconnections/1329> for research on the benefits of fine arts education.

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions. They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July19-23, 2004. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

<b>Title</b>	<b>Art Connections Science</b>		
<b>Publisher</b>	SRA/McGraw Hill		
<b>Item Evaluated</b>	Book		
<b>Content Level</b>	K-6	<b>Copyright Date</b>	2005
<b>ISBN</b>	7601882276018822	<b>Date of Evaluation</b>	07/22/2004

**Recommended YES**

Publisher's Explanation of Reviewer's Comments:

**Technology Strengths**  
N/A

**Technology Weaknesses**  
N/A

**Instruction & Assessment Strengths**  
Part of a series that integrates visual arts into an academic subject. Lessons for PK-6 in each book. Each lesson has brief additional applications to other academic subject areas. Includes hands-on assessment & rubric & critique analysis for each activity.

**Instruction & Assessment Weaknesses**  
Only 1

**Organization & Structure Strengths**  
Well organized & consistent for each activity. Text seems to be a teacher resource and includes black line masters for each activity. Includes technique tips and elements of Art and Principles of Art (design) pages. Each activity has materials list.

**Organization & Structure Weaknesses**

**Resource Materials Strengths**  
N/A

**Resource Materials Weaknesses**

No

**Technology Comments**

**Equipment**

Windows	No	Macintosh	No	CD ROM	No	Sound	No
---------	----	-----------	----	--------	----	-------	----

Rating Scale: 0-Not applicable; 1-None of the time; 2 Minimally; 3-Some of the time; 4-Most of the time

Equipment Other

**Grade Level**

Primary No Intermediate No Middle No High No

**Audience**

Individual	No	Small Group	No	Large Group	No
------------	----	-------------	----	-------------	----

**Format**

Stand Alone/Independent	No	Integrated	No	Supplemental	No
-------------------------	----	------------	----	--------------	----

**Cost**

Single Copy		School Version	
Network Version		Online	
Site License		Lab Pack	

**Type of Software**

Simulation	No	Tutorial	No	Critical Thinking	No
Management	No	Exploratory	No	Utility	No
Interdisciplinary	No	Creativity	No	Type of Software - Other	
Problem Solving	No	Drill and Practice	No		

**Management**

	Allows customizing for individual learning needs
	Allows Students to exit and resume later
	Keeps student's performance record, where needed
	Allows control of various aspects of software (sound)
	Allows printed reports

**Presentation/Interface**

	Presents material in organized manner
	Consistent, easy-to-use, on-screen instructions
	Developmentally correct presentation/ format
	Adapts to different learning styles/multiple intelligences
	Accessible for special needs students
	Runs smoothly, without long delays
	Easy-to-view text and graphics
	Easy-to-hear and understand sounds
	Avoids unnecessary screens, sounds, and graphics

Rating Scale: 0-Not applicable; 1-None of the time; 2 Minimally; 3-Some of the time; 4-Most of the time

	Provides immediate, appropriate feedback
	Presentation/Interface Comments

<i>Rating</i>	<i>Strength</i>	<i>Weakness</i>
<b>Identifies a Sense of Purpose</b>		
4	Integrates science for PS-6	
<b>Provides Guiding Questions and Instructional Objectives</b>		
3	Integrates science for PS-6	
<b>Develops and Builds on Student Ideas</b>		
3	'Allows for self exploration & research	
<b>Encourages student to become an independent learner (performer, creator, speaker)</b>		
3	Some small group & individual work. Individual & group presentations.	
<b>Assesses Student Progress – Commonwealth Accountability Testing System (CATS) “like” Assessment is provided. Variety of Assessments (diagnostic, formative, Summative, open response, multiple choice, individual, small group, oral demonstrations, presentations, portfolio prompts) is included, Performance assessment opportunities are also included.</b>		
2		Some assessment and a critique model provided.
<b>Enhances the Learning Environment</b>		
3	Allows for integrations of visual arts & social studies. Provides hands-on activity using elements & principles that connects to science.	
<b>Reading level appropriate for interest and ability level of intended student group; level remains consistent throughout</b>		
	'N/A - use as teacher resource	
<b>Includes activities and opportunities for integration of technology</b>		
2		Very minimal - some web sites offered as references.
<b>Reflects research-based practices (e.g. hands-on activities, technology, problem-solving situations) engaging students and promoting student thinking</b>		
3	Every activity is hands-on and involves problem solving. Strong problem solving emphasis.	

Rating Scale: 0-Not applicable; 1-None of the time; 2 Minimally; 3-Some of the time; 4-Most of the time

<i>Rating</i>	<i>Strength</i>	<i>Weakness</i>
<b>Is aligned to the Program of Studies and Core Content for Assessment</b>		
3	Does use variety of media & processes.	
<b>Includes opportunities for writing (reviews / personal response / reflection)</b>		
3	Model for critique.	

Rating Scale: 0-Not applicable; 1-None of the time; 2 Minimally; 3-Some of the time; 4-Most of the time

Rating	Strength	Weakness
<b>Art Elements:</b>		
3	Each activity based on element or principle	Slightly different than Core Content elements & principles, but since this is teacher resource, teacher could easily adapt.
<b>Principles of Design:</b>		
3	See elements	See elements
<b>Art Media:</b>		
3	Uses different media	
<b>Art Processes/Production:</b>		
3	Has section on technique tips	
<b>Art Criticism or Analysis of Art:</b>		
3	Has art analysis critique model	
<b>Purpose of Art:</b>		
2		Very minimal - discusses some uses of art as part of art project, but does not necessarily use KY core content terminology
<b>Visual Art in different Cultures:</b>		
3	Some discussion of art, history and culture w/each activity	
<b>Art Subject Matters:</b>		
2		Included, but not emphasized
<b>Effect on Time, Place, Belief System on Visual Art:</b>		
2		Connects to scientific concepts
<b>Careers in Visual Arts:</b>		
2		Not included or emphasized, but students will probably realize there are working artists or that there were historically
<b>Connections to Other Art Forms:</b>		
1		No connections to other art forms unless a minimal because it would be a part of the overall science concepts.

Rating Scale: 0-Not applicable; 1-None of the time; 2 Minimally; 3-Some of the time; 4-Most of the time